

# Contents

<b>1 Introduction</b> . . . . .	1
Thomas Rauschenbach	
<b>2 Water Resources</b> . . . . .	5
Thomas Rauschenbach, Albrecht Gnauck, Oliver Krol, Thomas Bernard and Torsten Pfützenreuter	
<b>3 Transportation</b> . . . . .	105
Thomas Rauschenbach, Thomas Westerhoff and Buren Scharaw	
<b>4 Water Use</b> . . . . .	159
Marco Jacobi	
<b>5 Model Based Decision Support Systems</b> . . . . .	185
Divas Karimanzira	
<b>6 Applications</b> . . . . .	221
Torsten Pfützenreuter, Divas Karimanzira, Thomas Bernard, Thomas Westerhoff, Buren Scharaw, Albrecht Gnauck and Thomas Rauschenbach	
<b>References</b> . . . . .	283
<b>Index</b> . . . . .	299

Modeling, Control and Optimization of Water Systems  
Systems Engineering Methods for Control and Decision  
Making Tasks

Rauschenbach, Th. (Ed.)

2016, VII, 303 p. 143 illus., 82 illus. in color., Hardcover

ISBN: 978-3-642-16025-7